

## CLAIMS

- 1        1. A hoist for transfer of cargo containers to and from vehicles
- 2                comprising in combination with a cargo container and a truck having a bed for
- 3                supporting said containers to travel thereon, the hoist having:
- 4                        a loadspreader having vertical engaging hooking means for securing said
- 5                cargo container thereto;
- 6                        means for supporting said loadspreader for said truck to drive said
- 7                container parallel under said loadspreader;
- 8                        a plurality of links of equal pivot length, connecting said loadspreader to
- 9                said support means to form a parallelogram linkage to swing said loadspreader
- 10                substantially horizontally up and down;
- 11                        cable and winch means for latching said loadspreader up and for releasing
- 12                said loadspreader when the weight is lifted off of said winch;
- 13                        biasing means to reel up slack cable to hold the load lifted after being
- 14                lifted;
- 15                        a tab on the front of said bed to engage the forward end of said container
- 16                when aligned with said bed to swing up said links to lift said container;
- 17                        vertically engaged hooking means for connecting said container to said
- 18                loadspreader when aligned therewith for swinging said loadspreader up to lift and
- 19                hold said container to clear said truck bed so the truck can leave the container on
- 20                the loadspreader held lifted by said winch; and

21           means for releasing said hook means when the weight of said container is  
22         relieved therefrom as when the truck is pushing the loadspreader with the  
23         container.

1           2.     A hoist as in claim 1, said loadspreader having depending legs  
2         integral therewith to extend down to pivot to swing the loadspreader on said links  
3         to conserve head room.